

REMARKS

The specification objection and the 35 U.S.C. §101 rejection of claim 69 is voided by adding the language “tangibly embodied on said computer-readable medium” and suggested by the Examiner.

The 35 U.S.C. §101 rejection of claim 70 is avoided by eliminating the mistakenly recited “steps of” in that system claim. Also it is pointed out that a computer is provided having software which together form a first converter and a second converter.

Claims 54-60 and 62-72 are rejected under 35 U.S.C. §102 as anticipated by Gebert et al.

First it is noted claim 54 has been amended to improve clarity and understanding with respect to the first type and second type declarations of input document data stream structure elements. This is disclosed in applicants' Substitute Specification at page 25 from line 25 through line 31 and page 26 from line 1 to line 5.

Claim 54 distinguishes in a number a ways. First, claim 54 recites said internal data comprising formatted data that contain format specifications and raw data that contain no format specifications for format-adapted and speed-optimized processing of the input document data stream. For this the Examiner relies on converting the pages to rasterized printer data at paragraph 0029 which the Examiner relies on for the internal data comprising raw data with no format specifications, and then the Examiner relies on paragraph 0028 Intelligent Printer Data Stream (IPDS format) for the internal data comprising formatted data containing format specifications. The Examiner also refers to paragraph 34 asserted to teach data being reconverted to other predetermined formats. However, this is not a

disclosure of an internal data comprising formatted data that contains format specifications and raw data that contain no format specifications. Gebert does not teach such an internal formatted data. In contrast, Gebert teaches that document data are first converted solely to a first format such as IPDS (paragraph 28) and afterwards converting the IPDS data into rasterized data by control of a printer driver:

paragraph 28: "... the printer driver 6 may use the IPDS comments to control how the printer 8 processes and rasterizes the page objects 22a... n and monitors print operations"

paragraph 29: "... the printer interface 24 then calls the rasterized 26 to transform the content in the page object 22a... n and into raster data according to formatting information and properties included in the page object 22a... n and ...".

Thus Gebert does not teach such internal formatted data in accordance with the above recited feature of claim 54 in which format specifications and raw data are contained.

In response to the arguments portion of the office action at page 11, last paragraph, the Examiner indicates he was responding to Applicants' arguments but, the Examiner merely cites the original rejection without responding to Applicants arguments.

Claim 54 next distinguishes by reciting adding as needed document formatting information to the internal data that establishes how a content of the internal data is represented in the output data format, and wherein the additions of the document formatting information are controlled by a document template, the

document template being formed in a first preparatory design phase using a design dataset, and the converting of the input document data stream into the internal data occurring via rules that are based on the design dataset. For this feature the Examiner refers to Gebert paragraphs 25, 27, 23, 24, 30, 31, and 34 and the Examiner contends that Gebert teaches defining a layout master set that includes one or more templates. However, these layout master sets and included templates are different than document templates as recited in claim 54. Gebert's templates are included in a result document 20 (see Figure 2 and first line of paragraph 24) In contrast, the claim 54 document template is formed using a design data set and the document template controls the conversion of the input data stream into the internal formatted data. The claim 54 document template is used for controlling the conversion of the input data stream into the data stream of the internal formatted data.

As to the recitations in claim 54 for creating a document template by using a design data set, and the converting of the input document data stream into the internal formatted data via rules that are based on the design data set, the Examiner asserts that Gebert teaches these features because Gebert teaches formatting some page objects and that certain of the layout in formatting information may not map to the active environment, but may be included in the page content, such as the XML code (paragraph 27). However this teaching of Gebert is completely different than the recitation above of using a design data set for creating the document template.

Claim 54 further distinguishes by reciting that with the design data set, associating a first type declaration with at least one of said input document data stream structure elements and a second type declaration with at least one other of said structure elements in the first preparatory design phase, whereby formatting

instructions of the document formatting information are associated with said first type declaration and no such document formatting instructions are associated with said second type declaration, and whereby in a second processing phase all structure elements of the input document data stream are examined by declaration type and structure elements that are associated with the first type declaration are additionally formatted and structure elements that are associated with the second type declaration receive no additional formatting. Gebert does not provide a first preparatory design phase and no second processing phase with the first and second type declarations and the formatting or not formatting of the structure elements based on the type declaration as recited in claim 54 above. In paragraph 27, Gebert is just disclosing including XML formatting objects into page objects of a presentation language, such as MO:DCA.

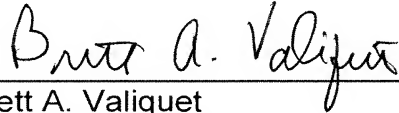
Dependent claims 55-66 distinguish at least for reasons noted with respect to claim 54 and also by reciting additional features not suggested.

Independent claim 69 and system claim 70 distinguish for the reasons noted with respect to claim 54. Dependent claims 71 and 72 distinguish at least since claim 70 distinguishes and also by reciting additional features.

Allowance of the application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519.

Respectfully submitted,



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